

10/544252

JC09 Rec'd PCT/PTO 02 AUG 2005
PATENT

IN THE UNITED STATES PATENT OFFICE

Serial No.: Not yet assigned

Filed: Herewith

For: **METHOD OF ELECTROPLATING A
WORKPIECE HAVING HIGH-ASPECT RATIO HOLES**

Inventors: Bert Reents et al.

Atty Doc. No.: 230-05

INFORMATION DISCLOSURE STATEMENT

*Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450*

Sir:

In the interest of full disclosure, the following items are herewith identified in Form PTO-1449 and a copy of the same is hereby provided, for the convenience of the U.S. Patent and Trademark Office.

This Information Disclosure Statement is being filed before the mailing date of the first official action.

U.S. PATENT DOCUMENTS

(AA) 6,071,398 A, June 6, 2000.

(AB) 6,132,584 A, October 17, 2000.

(AC) 6,210,555 B1, April 3, 2001.

U.S. PATENT APPLICATION PUBLICATIONS

(AD) 2003/0019755 A1, dated January 30, 2003.

(AE) 2003/010642 A1, dated January 16, 2003.

FOREIGN PATENT DOCUMENTS

(AF) DE 19915146 C1, dated July 6, 2000. Relevance is cited as a category "Y" in the International Search Report, copy enclosed.

(AG) DE 2739427 A1, dated March 2, 1978. Relevance is cited as a category "A" in the International Search Report, copy enclosed.

(AH) DE 4225961 A1, dated February 10, 1994. Relevance is cited as a category "Y" in the International Search Report, copy enclosed.

(AI) DE 4225961 C2, dated February 10, 1994. Relevance is cited on page 1 of the instant application.

(AJ) EP 0568728 A1, dated November 10, 1993. Relevance is cited as a category "X" in the International Search Report, copy enclosed.

(AM) EP 1069212 A1, dated January 17, 2001. Relevance is cited as a category "X" in the International Search Report, copy enclosed.

OTHER DOCUMENTS

(AK) Kenny B. Reents, THE INFLUENCE OF FLUID DYNAMICS ON PLATING ELECTTROLYTE FOR THE SUCCESSFUL PRODUCTION OF BLIND MICRO-VIAS, 2002. Pertinent Pages (7). Relevance is cited on page 3 of the instant application.

(AL) Thies B. Reents, ONLINE MEASUREMENT F FLOW AND MASS TRANSFER IN MICRO-HOLES WITH PIV AND AN ELECTROCHEMICAL SENSOR ARRAAY, 2002, Pertinent Page (1). Relevance is cited on page 2 of the instant application.

(AN) Kruse, GALVANOTECHNIK, March 2002, Page 680. Relevance is cited on page 2 of the instant application.

Respectfully submitted,


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(215) 568-4900

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 230-05		Application Number 10/544252	
				Applicant(s) JC09 Rec'd PCT/PTO 02 AUG 2005 Bert Reents and Tafadzwa Magaya			
				Filing Date Herewith		Group Art Unit NA	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,071,398 A	06/06/2000	Martin et al.			
	AB	6,132,584 A	10/17/2000	Hubel			
	AC	6,210,555 B1	04/03/2001	Taylor et al.			

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AD	2003/0019755 A1	01/30/2003	Hey et al.			
	AE	2003/010642 A1	01/16/2003	Taylor et al.			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AF	DE 19915146 C1	07/06/2000	GERMANY				
	AG	DE 2739427 A1	03/02/1978	GERMANY				
	AH	DE 4225961 A1	02/10/1994	GERMANY				
	AI	DE 4225961 C2	02/10/1994	GERMANY				
	AJ	EP 0568728 A1	11/10/1993	EUROPE				

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
	AK	Kenny B. Reents, THE INFLUENCE OF FLUID DYNAMICS ON PLATING ELECTTROLYTE FOR THE SUCCESSFUL PRODUCTION OF BLIND MICRO-VIAS, 2002. Pertinent Pages (7).	
	AL	Thies B. Reents, ONLINE MEASUREMENT F FLOW AND MASS TRANSFER IN MICRO-HOLES WITH PIV AND AN ELECTROCHEMICAL SENSOR ARRAAY, 2002, Pertinent Page (1).	

EXAMINER	DATE CONSIDERED
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 230-05	Application Number 10/544252
	Applicant(s) Bert Reents and Tafadzwa Magaya	
	Filing Date Herewith	Group Art Unit NA

U.S. PATENT DOCUMENTS

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U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AM	EP 1069212 A1	01/17/2001	EUROPE				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AN	Kruse, GALVANOTECHNIK, March 2002, Page 680.

EXAMINER	DATE CONSIDERED
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